

## Productivity Improvement Analysis - Validation

UHC Benchmark Analysis

EXHIBIT 15

|   | 1996 | 1997 |
|---|------|------|
| <b>Teaching peer group - Medians (UHC Benchmarks)<sup>(1)</sup></b> |      |      |
| All patient case mix index  | 1.30 | 1.35 |
| FTEs per Occ Bed Adj for Case Mix                                   | 4.44 | 4.47 |
| Outpatient Man-hours per Visit                                      | 5.81 | 5.74 |

## Sources / Notes

UHC survey  
UHC survey  
UHC survey

EXHIBIT

15

ALL-STATE LEGAL®

## AUH Hahnemann (Center City)

|   |           |           |
|---|-----------|-----------|
| All patient case mix index              | 1.82      | 1.90      |
| FTEs per Occ Bed Adj for Case Mix (UHC) | 4.28      | 3.92      |
| Inpatient revenue %                     | 81.2%     | 81.5%     |
| Outpatient Man-hours per Visit          | 3.31      | 2.94      |
| ADC                                     | 344.31    | 330.1     |
| Average Salary per FTE                  | \$ 34,991 | \$ 39,493 |
| Employee Benefits %                     | 27.32%    | 26.60%    |
| Average salary and benefits % per FTE   | \$ 44,551 | \$ 49,998 |
| Total outpatient visits                 | 236,316   | 245,864   |

UHC survey  
UHC survey  
UHC survey  
UHC survey  
UHC survey  
UHC survey  
UHC survey

FY97 Secondary Market Disclosure Reports<sup>(2)</sup>

## IP FTE per Occ Bed, CMO adj. variance from median

|                                 |            |             |
|---------------------------------|------------|-------------|
| IP FTE variance (@median)       | (0.16)     | (0.55)      |
| IP Savings opportunity (\$000s) | \$ (4,458) | \$ (17,250) |

Calculated  
Calculated  
Calculated

## Outpatient Man-hours per Visit variance from median

|   |             |             |
|---|-------------|-------------|
| Hrs variance = variance from benchmark x visits | (2.50)      | (2.80)      |
| OP FTE variance (@median)                       | (590,790)   | (688,419)   |
| OP Savings opportunity (\$000s)                 | (284)       | (331)       |
|   | \$ (12,654) | \$ (16,548) |

Calculated

## Total IP + OP FTE Savings Opportunity

|  |             |             |
|--|-------------|-------------|
|  | \$ (17,112) | \$ (33,798) |
|--|-------------|-------------|

Positive number indicates savings opportunity  
(Current performance better than benchmark)

## MCP (East Falls)

|                                 |        |        |
|---------------------------------|--------|--------|
| MCP IP revenue percent of total | 78.7%  | 78.5%  |
| MCP OP revenue percent of total | 21.3%  | 21.5%  |
|                                 | 100.0% | 100.0% |

1996: FY96 Budget Book<sup>(3)</sup>1997: FY97 Budget Book<sup>(4)</sup>

|            |       |
|------------|-------|
| IP FTEs    | 1,135 |
| OP FTEs    | 307   |
| Total FTEs | 1,443 |

FTE IP / OP split based on revenue allocation

Calculated from Singleton Report, BDC adjusted

|  |           |
|--|-----------|
| All patient case mix index             | 1.39      |
| ADC                                    | 190       |
| FTEs (IP) per Occ Bed Adj for Case Mix | 4.30      |
| Average salary and benefits % per FTE  | \$ 54,950 |
| Total outpatient visits                | 115,023   |

Singleton Report

Calculated from Singleton Report

Calculated

Calculated

FY97 Secondary Market Disclosure Reports<sup>(2)</sup>

## IP FTE per Occ Bed, CMO adj. variance from median

|                                 |            |
|---------------------------------|------------|
| IP FTE variance (@median)       | (0.14)     |
| IP Savings opportunity (\$000s) | \$ (35.9)  |
|                                 | \$ (1,972) |

Calculated

Calculated

Positive number implies savings opportunity  
(Current performance better than benchmark)

## Outpatient Man-hours per Visit

|                        |         |
|------------------------|---------|
| OP Man-hours           | 638,907 |
| OP Man-hours per visit | 5.55    |

Calculated (OP FTEs x 2080)

Calculated (OP Man-hours / Total OP visits)

## Outpatient Man-hours per Visit variance from median

|   |          |
|---|----------|
| Hrs variance = variance from benchmark x visits | (0.26)   |
| OP FTE variance (@median)                       | (29,376) |
| OP Savings opportunity (\$000s)                 | (14)     |
|   | \$ (776) |

## Total IP + OP FTE Savings Opportunity

|  |            |
|--|------------|
|  | \$ (2,748) |
|--|------------|

Positive number indicates savings opportunity  
(Current performance better than benchmark)

## Sources / Notes:

(1) The Almanac of Hospital Financial and Operating Indicators, Allegheny University Hospitals, Hahnemann, Volume 1, 1997, Final Edition  
University HealthSystem Consortium.

(2) PR-DLC-160-02768.

(3) FY96 Budget Book (DBR-AA-44780).

(4) FY97 Budget Book (DB-CM-37-02259).

(5) Reasonableness of MCP budget IP revenue % based on comparison of Hahnemann UHC reported IP revenue % compared to 1996 and 1997 budget; Hahnemann IP revenue % reported lower in UHC survey than budget, indicating MCP budget IP revenue % potentially slightly overstated; A lower MCP IP revenue % would only indicated better performance compared to benchmark than what is calculated in the above analysis, and therefore indicate a consistent finding of no improvement opportunity.

|    | A                                       | B | C | D | E | F | G | H            | I |
|----|---|---|---|---|---|---|---|--------------|---|
| 1  | External Summary - Centennial Hospitals |   |   |   |   |   |   |              |   |
| 2  |   |   |   |   |   |   |   | EXHIBIT 16.1 |   |
| 3  |   |   |   |   |   |   |   |              |   |
| 4  |   |   |   |   |   |   |   |              |   |
| 5  |   |   |   |   |   |   |   |              |   |
| 6  |   |   |   |   |   |   |   |              |   |
| 7  |   |   |   |   |   |   |   |              |   |
| 8  |   |   |   |   |   |   |   |              |   |
| 9  |   |   |   |   |   |   |   |              |   |
| 10 |   |   |   |   |   |   |   |              |   |
| 11 |   |   |   |   |   |   |   |              |   |
| 12 |   |   |   |   |   |   |   |              |   |
| 13 |   |   |   |   |   |   |   |              |   |
| 14 |   |   |   |   |   |   |   |              |   |

  

| External Market Events <sup>(1)</sup> | 1997 <sup>(2)</sup> | 1998       | 1999        | Total       |
|---------------------------------------|---------------------|------------|-------------|-------------|
| Medicare BBA/BBRA                     | \$ -                | \$ (5,214) | \$ (9,976)  | \$ (15,190) |
| Welfare Reform                        | (133)               | (1,491)    | (1,503)     | (3,128)     |
| Malpractice Premiums                  | (214)               | (704)      | (685)       | (1,603)     |
| Total                                 | \$ (347)            | \$ (7,409) | \$ (12,165) | \$ (19,920) |

Note: Slight differences in totals may result due to rounding

(1) Summary chart includes external market impact for Centennial Graduate and Centennial City Ave. / Parkview Hospitals.

(2) 1997 includes only two months of impact analysis.

| A  | B   | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q            |
|----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------|
| 1  | BBA Summary - Centennial Hospitals  |   |   |   |   |   |   |   |   |   |   |   |   |   |   | EXHIBIT 16.2 |
| 2  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |              |
| 3  | <b>OBJECTIVE</b>  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |              |
| 4  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |              |
| 5  | Calculate the impact of declining Medicare reimbursement from BBA 1997 and Medicare BBRA on AHERF Medicare reimbursement and enterprise value               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |              |
| 6  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |              |
| 7  | <b>METHODOLOGY</b>  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |              |
| 8  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |              |
| 9  | Apply legislated reduction in Medicare IP and OP reimbursements to estimated Medicare net patient revenue to 1997 actual AHERF Medicare net patient revenue |   |   |   |   |   |   |   |   |   |   |   |   |   |   |              |
| 10 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |              |
| 11 | <b>CALCULATION / RESULT SUMMARY</b>   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |              |
| 12 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |              |
| 13 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |              |
| 14 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |              |
| 15 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |              |
| 16 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |              |
| 17 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |              |
| 18 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |              |
| 19 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |              |
| 20 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |              |
| 21 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |              |
| 22 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |              |
| 23 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |              |
| 24 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |              |
| 25 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |              |
| 26 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |              |
| 27 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |              |
| 28 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |              |
| 29 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |              |
| 30 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |              |
| 31 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |              |
| 32 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |              |
| 33 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |              |
| 34 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |              |
| 35 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |              |
| 36 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |              |
| 37 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |              |
| 38 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |              |
| 39 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |              |
| 40 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |              |
| 41 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |              |
| 42 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |              |

| A  | B  | C | D | E | F | G | H | I | J | K | L | M | N | O |
|----|--|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1  | Medicaid Impact, 1997 Welfare Reform - Centennial Hospitals  |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 2  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 3  | <b>OBJECTIVE</b>   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 4  | Determine the dollar impact of reduction in Medicaid revenue due to impact of 1997 Welfare Reform.                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 5  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 6  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 7  | <b>METHODOLOGY</b>   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 8  | Identify portion of Medicaid population who lose Medicaid coverage as a result of Welfare Reform (i.e., Loss of Medicaid, 'leavers') |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 9  | Identify Medicaid 'leavers' who remain uninsured after leaving Medicaid (i.e., 'Not-Insured')  |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 10 | Identify portion of Not-Insured who continue to seek care (i.e., 'Seek care')  |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 11 | Adjust for incremental commercial reimbursement on newly insured cases   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 12 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 13 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 14 | <b>RESULT SUMMARY</b>  |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 15 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 16 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 17 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 18 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 19 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 20 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 21 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 22 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 23 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 24 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 25 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 26 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 27 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 28 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 29 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 30 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 31 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 32 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 33 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 34 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 35 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 36 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 37 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 38 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 39 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 40 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 41 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 42 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 43 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 44 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 45 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 46 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |

  

| Est. EARNINGS Impact (\$000) |  | Negative Annual Impact (\$000s) |            |
|------------------------------|--|---------------------------------|------------|
| By Facility                  |  | FY1997                          | FY1998     |
| Centennial                   |  | \$ (1,479)                      | \$ (1,491) |
| Total                        |  | \$ (1,479)                      | \$ (1,491) |

  

| Implementation Timing Adjustment |            | Affiliation with AHERF-East Timing Adjustment |            | Net impact, after timing adjustments |            |
|----------------------------------|------------|---|------------|--------------------------------------|------------|
|                                  |            |   |            |                                      |            |
| 54.0%                            | 100.0%     | 100.0%  | 100.0%     | 100.0%                               | 100.0%     |
| 16.7%                            | 100.0%     | 100.0%  | 100.0%     | 100.0%                               | 100.0%     |
| \$ (133)                         | \$ (1,491) | \$ (1,491)                                    | \$ (1,491) | \$ (1,491)                           | \$ (1,491) |

  

| Distribution of Enrollees, new vs. existing |      | Effective date 1997 adj factor |      |
|---|------|--------------------------------|------|
|   |      |                                |      |
| New   | 8%   | 6/17/1996                      | 100% |
| Existing                                    | 92%  | No later than 6/30/97          | 50%  |
|   | 100% | weighted avg                   | 54%  |

  

| 1997 REVENUE Impact Comparison with AHERF Internal Analysis (\$000) |          | Prospective (AHERF-prepared) |                    | Retrospective |                 |
|---|----------|------------------------------|--------------------|---------------|-----------------|
|   |          | HAP                          | Urban HC Coalition | State         | Market Adjusted |
| DVOG  | \$ 5,800 | \$ 5,800                     | \$ 5,800           | \$ 6,000      | \$ (1,479)      |

  

| CALCULATION DETAIL             |            |
|--------------------------------|------------|
| Est. Impacted NPR (\$000s)     |            |
| Graduate                       | \$ (1,848) |
| City Ave / Park View           | \$ (3,077) |
| Centennial                     | \$ (4,924) |
| Avg total payment per case (6) | \$ 7,922   |
| Estimated impacted cases       | 822        |

  

| See 'Welfare Reform' worksheet (derived based on DVOG estimates) |  |
|--|--|
| See 'Welfare Reform' worksheet (derived based on DVOG estimates) |  |

|    | A  | B | C | D | E | F | G | H | I | J | K | L | M | N | O |
|----|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1  | <b>Medicaid Impact, 1997 Welfare Reform - Centennial Hospitals</b> |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 2  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 3  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 4  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 5  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 6  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 7  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 8  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 9  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 10 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 11 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 12 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 13 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 14 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 15 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 16 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 17 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 18 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 19 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 20 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 21 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 22 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 23 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 24 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 25 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 26 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 27 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 28 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 29 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 30 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 31 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 32 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 33 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 34 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 35 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 36 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 37 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 38 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 39 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 40 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 41 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 42 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 43 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 44 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 45 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 46 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 47 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 48 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 49 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 50 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 51 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 52 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 53 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 54 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 55 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 56 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 57 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 58 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 59 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 60 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 61 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 62 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 63 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 64 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 65 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 66 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 67 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 68 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 69 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 70 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 71 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 72 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 73 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 74 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 75 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 76 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 77 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 78 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 79 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 80 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 81 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 82 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 83 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 84 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 85 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 86 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 87 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 88 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 89 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 90 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 91 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 92 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |